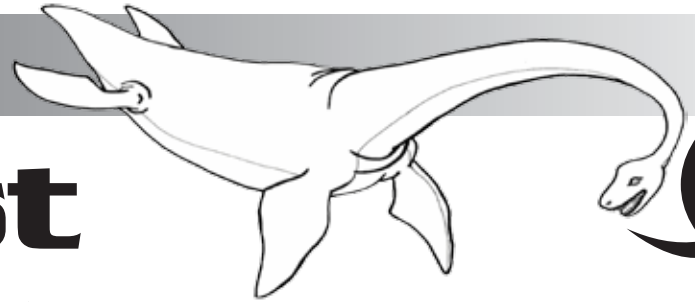

Puzzling Past

C C I N O N M E O F T H E L O N G Y E S
O T I R D U U N N I N G F E U D G S H D
P I N R E E M O C R E T A C E O U S I D
R E E S O R V N S R E I C A L G S S S C
O I U C E T R O E N C E G O O T C O T F
L M F T N O S H N O I L E O A O R O O U
I S I N C E T I G I S G T A V R T W R H
T E N K A O I P H A A L A E E O F N Y T
E O S S T L O C G E I N R S E R O T R E
Y C D N L O N S S T R Y R T U O S C T E
D R O I A A P L E S I P I O S E S A U R
S R A K N E R L E T O B T E R T I A R Y
B H N T W O I E T H O I T S H E L E A D
T O T N N I S T N L S S T A I M A L R A
C T H O E E R A I I T L H A N I T R S N
N E C K M F M R U Y M A H V C E G M T W
I B K Z V M T I E R G M V F L P T R I H
T D T D U I A K D R S M E R K V G X O F
X X T R D T W M Y E S A Y U R B P Q V Y
E F J I K D A J U V S M P V C Y O I K Q

IN 1868, ONE OF THE LONGEST RUNNING FEUDS IN MODERN SCIENCE GOT OFF TO A ROUSING START WHEN A PALAEONTOLOGIST RECONSTRUCTED A PLESIOSAUR SKELETON WITH ITS HEAD ON ITS TAIL, RATHER THAN ITS NECK.

BRONTOTHERE
COPROLITE
CRETACEOUS
DEVONIAN
DINOSAURS
DISCOVERY
EARTH
EXTINCT
FOSSIL
GEOLOGY
GLACIERS
HISTORY
MAMMALS
MAMMOTH
METEOR
MINERALS
MUSEUM
OIL
PREHISTORIC
ROCKS
SCIENCE
SEDIMENTARY
TERTIARY
TRILOBITE

RSM ROYAL SASKATCHEWAN MUSEUM

Grades 4–8 | Earth Sciences Gallery

1. What creature living with the mosasaur in the Cretaceous sea is still found living in all of the world's oceans? Sharks

2. Would a real dinosaur bone be heavier than a fossilized bone? No. Over a long period of time the bone is replaced by minerals. A fossil is closer to the composition of rock and is heavier than bone.

3. Palaeontologists sometimes name dinosaurs for the place where they were found. What duck-billed dinosaur on display is named for a Canadian city? Edmontosaurus

4. What are coprolites? Fossilized poop.

5. Fill in the blanks. HINT: Found at *Early Meadows*.
Open woodland with larger meadows formed in the early Oligocene , 37 million years ago. Cool winters and rainy springs encouraged the thinning of ancient forests.

6. What is a major difference between the early horse, Mesohippus, and today's modern horse? The foot. Over time, the three toes fuse to become the hoof.

7. What is the Brontothere a distant relative of? Horse, rhinoceros and tapir

8. What mineral replaced the original material of the tree stump found in the gallery? Quartz

9. Where did the ancestors of the North American Mastodons come from? Asia

10. Three animals in the *Grassland Plains* display are similar to what animals found upstairs in the Life Sciences Gallery? Wolf, pronghorn and elk.

11. How many glaciers have covered Saskatchewan in the past two million years? Five.

12. Where and when were the museum's mammoth bones excavated? Kyle, Saskatchewan, in 1964.

13. What four animals seen in the diorama *Early in the Ice Age* become extinct in Saskatchewan by the end of the Ice Age? Giant sloth, bone-crushing dog, camel and the Imperial Mammoth.

RSM ROYAL SASKATCHEWAN MUSEUM